

7. STATISTICAL APPENDIX

	Page
DEFINITIONS.....	234
RATES AND RATIOS.....	235

LEADING CAUSES OF DEATH TABLES, ICD-Rev. 9

A Leading Causes of Death by Race/Ethnicity, California, 1990, 1993-1998	237
B Selected Detail from the Leading Causes of Death by Sex and Race/Ethnicity, California, 1990, 1993-1998.....	238
C Deaths, Death Rates, and Age-Adjusted Death Rates for 16 Leading Causes of Death by Sex, California, 1990-1998	239
D Deaths, Death Rates, and Age-Adjusted Death Rates for 18 Leading Causes of Death by Race/Ethnicity, California, 1990-1998	242

DEFINITIONS

The following is a glossary of technical terms used in this report:

Place of Occurrence: The place where the event occurred (regardless of place of residence).

Place of Residence: The place where a person lives or maintains legal residency. For live births and fetal deaths, the mother's residence is used.

Births

Childbearing Age: Women 15 through 44 years of age.

Live Birth: The complete expulsion or extraction from its mother of a product of conception (irrespective of the duration of pregnancy) which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. This definition was promulgated by the World Health Organization in 1950 and is set forth in the California Administrative Code, Title 17, Chapter 1, Article 3.

Live Birth Order: The number of live births delivered by this mother including the current birth.

Low Birthweight: A live birth or fetal death weighing less than 2,500 grams (5 pounds, 8 ounces). (Prior to 1979, low birthweight was 2,500 grams or less. This definition complies with a change adopted by the National Center for Health Statistics, beginning with 1979 data.)

Premature: A live birth or fetal death occurring before the 37th week of gestation.

Total Births: Total deliveries: Live births plus fetal deaths.

Deaths

Fetal Death: A death prior to the complete expulsion or extraction from its mother of a product of conception (irrespective of the duration of pregnancy); the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. This definition was promulgated by the World Health Organization in 1950 and is set forth in the California Administrative Code, Title 17, Chapter 1, Article 3. If the fetus is of 20 weeks or more gestational age, the death must be registered with the local registrar.

Infant Death: A death occurring during the first year of life.

Maternal Death: A death resulting from complications of pregnancy or childbirth (ICD Rev. 10 Codes O00-O99).

Neonatal Death: A death occurring during the first 27 days of life.

Perinatal Death: Death of a fetus of at least 20 weeks of gestation or of a child under 28 days of life.

Postneonatal Death: A death occurring between the 28th day and the end of the first year of life.

RATES AND RATIOS

Birth Rates and Ratios

Age-Specific Birth Rate	=	number of live births to women in specific age group estimated female population in that age group	x 1,000
General Fertility Rate	=	number of live births estimated female population 15-44 years old	x 1,000
Live Birth Rate (Crude Birth Rate)	=	number of live births estimated total population	x 1,000
Total Fertility Rate	=	sum of each age-specific birth rate multiplied by the number of years in each age group (e.g., for 5-year groups, 15-19, 20-24, 40-44, the sum of the birth rates for each age group is multiplied by 5).	

Death Rates and Ratios

Age-Adjusted Death Rate (Direct Method)	=	total number of expected deaths in a standard population (if the people in this population had experienced the same age-specific death rates as the population being adjusted)	x 100,000
Age-Specific Death Rate	=	number of deaths in specific age group estimated population in that age group	x 100,000
Death Rate (Crude Death Rate)	=	number of deaths estimated total population	x 1,000*

Death Rate From a Specific Cause by Sex or Race/Ethnic Group	=	number of deaths from a specific cause estimated total or group population	x 100,000
Fetal Death Ratio	=	number of reportable fetal deaths total number of live births	x 1,000
Infant Mortality Rate	=	number of deaths under 1 year of age total number of live births	x 1,000*
Maternal death rate	=	number of deaths due to complications of pregnancy and childbirth total number of live births	x 10,000
Neonatal death rate	=	number of deaths under 28 days of age total number of live births	x 1,000*
Postneonatal death rate	=	number of deaths 28 days of age to less than 1 year of age total number of live births	x 1,000*
Perinatal death rate	=	number of fetal deaths of 20 or more weeks gestation, plus neonatal deaths total number of births	x 1,000

* or 100,000 as specified

APPENDIX TABLE A

LEADING CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA, 1990, 1993-1998 (By Place of Residence)
 (Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975)

YEAR	ALL CAUSES 001-999	LEADING CAUSES OF DEATH IN CALIFORNIA													ALL OTHER CAUSES Residual
		HEART DISEASE 390-398, 402, 404-429	CANCER 140-208	CEREBRO-VASCULAR DISEASE 430-438	PNEUMONIA & INFLUENZA 480-487	COPD 490-496	ACCIDENTS E800-949	DIABETES 250	CIRRHOsis 571	SUICIDE E950-959	HOMICIDE E960-969	ALZHEIMER'S DISEASE 331.0	ATHEROSCLEROSIS 440	HYPERTENSION- 401, 403	
TOTAL															
1998	225,450	68,946	51,186	16,385	13,316	12,261	8,620	5,796	3,460	3,215	2,265	2,087	1,937	1,687	34,289
1997	223,438	68,273	51,818	16,649	12,286	11,737	8,762	5,611	3,502	3,424	2,780	2,057	1,979	1,552	33,008
1996	222,308	67,676	50,904	16,481	11,134	11,373	9,217	5,380	3,501	3,408	3,007	1,972	1,885	1,470	34,900
1995	222,626	67,990	51,217	16,176	10,548	10,765	9,372	5,096	3,575	3,823	3,623	1,717	1,927	1,376	35,421
1994	222,854	68,312	51,247	15,703	10,237	11,017	9,233	4,918	3,630	3,690	3,821	1,521	1,990	1,269	36,266
1993	220,271	68,603	50,751	15,195	10,508	10,625	9,536	3,831	3,681	3,818	4,206	1,225	1,986	1,079	35,227
1990	213,766	67,425	48,896	15,462	9,686	9,647	10,170	3,378	3,890	3,735	3,703	1,189	2,067	938	33,580
AMERICAN INDIAN															
1998	798	207	149	41	27	34	77	46	36	12	16	1	10	1	141
1997	800	209	154	43	29	22	74	47	44	16	20	2	5	8	127
1996	740	208	129	50	23	33	71	27	33	20	9	3	2	6	126
1995	749	200	101	49	26	33	63	38	34	21	24	2	4	5	149
1994	667	155	115	38	26	21	63	25	38	8	22	1	2	3	150
1993	640	161	102	39	29	25	58	27	40	11	17	2	3	2	124
1990	501	117	82	25	20	15	56	16	37	18	12	1	4	2	96
ASIAN/PACIFIC ISLANDER															
1998	13,591	3,695	3,581	1,323	802	483	530	487	127	220	143	48	60	135	1,957
1997	13,144	3,485	3,424	1,323	698	547	613	463	109	267	172	52	41	109	1,841
1996	12,475	3,317	3,265	1,295	618	479	548	386	130	199	175	29	73	106	1,855
1995	12,037	3,291	3,106	1,185	565	433	543	396	118	227	223	28	48	99	1,775
1994	11,685	3,173	3,061	1,114	530	414	560	302	125	227	195	36	58	82	1,808
1993	10,925	2,928	2,959	1,007	546	360	489	236	113	256	228	26	56	62	1,659
1990	9,017	2,440	2,309	817	386	317	548	195	97	167	151	21	42	38	1,489
BLACK															
1998	17,607	5,411	3,783	1,178	807	651	710	698	210	164	563	85	83	255	3,009
1997	17,480	5,169	3,904	1,240	653	607	701	676	213	148	717	93	98	207	3,054
1996	17,925	5,089	3,808	1,219	616	585	792	701	222	154	805	81	105	222	3,526
1995	18,011	5,056	3,755	1,247	565	504	846	600	218	205	954	76	108	183	3,694
1994	18,279	5,119	3,709	1,238	581	519	821	625	238	168	1,144	79	100	200	3,738
1993	18,246	5,270	3,743	1,197	601	471	852	481	250	204	1,280	48	110	139	3,600
1990	17,324	5,205	3,623	1,164	485	468	850	435	317	148	1,083	47	110	151	3,238
HISPANIC															
1998	26,979	6,481	5,293	1,685	1,156	674	2,095	1,334	987	422	970	107	149	183	5,443
1997	26,470	6,295	5,191	1,646	1,152	624	2,104	1,260	944	437	1,180	103	159	171	5,204
1996	26,128	5,963	4,852	1,588	972	531	2,331	1,115	954	460	1,295	91	125	146	5,705
1995	25,901	5,769	4,640	1,453	892	499	2,352	1,085	916	503	1,613	92	140	131	5,816
1994	24,903	5,582	4,346	1,318	828	507	2,274	970	930	462	1,602	50	112	110	5,812
1993	24,906	5,653	4,370	1,325	940	548	2,504	757	897	473	1,656	44	139	86	5,514
1990	22,405	5,049	3,809	1,191	730	433	2,607	626	817	403	1,479	41	120	84	5,016
WHITE/OTHER RACES															
1998	166,475	53,133	38,375	12,156	10,522	10,417	5,202	3,228	2,096	2,396	568	1,846	1,635	1,113	23,788
1997	165,448	53,103	39,138	12,393	9,751	9,933	5,254	3,164	2,189	2,555	682	1,807	1,676	1,056	22,747
1996	164,929	53,083	38,843	12,326	8,901	9,742	5,468	3,151	2,159	2,574	718	1,768	1,580	990	23,626
1995	165,793	53,654	39,593	12,237	8,496	9,291	5,564	2,977	2,282	2,865	807	1,518	1,627	958	23,924
1994	167,253	54,271	40,011	11,994	8,269	9,552	5,511	2,996	2,298	2,824	851	1,355	1,717	873	24,731
1993	165,470	54,577	39,572	11,624	8,388	9,218	5,626	2,330	2,379	2,873	1,020	1,105	1,678	790	24,290
1990	164,391	54,591	39,055	12,256	8,061	8,408	6,094	2,104	2,615	2,999	974	1,079	1,791	663	23,701
UNKNOWN															
1998	98	19	5	2	2	2	6	3	4	1	5	-	-	-	49
1997	96	12	7	4	3	4	16	1	3	1	9	-	-	1	35
1996	111	16	7	3	4	3	7	-	3	1	5	-	-	-	62
1995	135	20	22	5	4	5	4	-	7	2	2	1	-	-	63
1994	67	12	5	1	3	4	4	-	1	1	7	-	1	1	27
1993	84	14	5	3	4	3	7	-	2	1	5	-	-	-	40
1990	128	23	18	9	4	6	15	2	7	-	4	-	-	-	40

- Represents zero events.

Note: American Indian, Asian/Pacific Islander, Black, White/Other Races, and Unknown exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Unknown includes Not Stated. Source: State of California, Department of Health Services, Death Records.

APPENDIX TABLE B

SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH BY SEX AND RACE/ETHNICITY, CALIFORNIA, 1990, 1993-1998 (By Place of Residence)

(Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975)

YEAR	SELECTED DETAIL FROM THE LEADING CAUSES OF DEATH IN CALIFORNIA																		
	MALE DEATHS												FEMALE DEATHS						
	CANCER			HEART DISEASE			ACCIDENTS		SUICIDE BY FIREARMS/ EXPLOSIVES E955	HOMICIDE BY FIREARMS/ EXPLOSIVES E965	CANCER			HEART DISEASE		ACCIDENTS BY MOTOR VEHICLE E810-825			
	COLON	LUNG	PROSTATE	HYPERTEN- SIVE HEART 402, 404	ISCHEMIC HEART 410-414	CARDIO- MYOPATHY 425	MOTOR VEHICLE E810-825	POISONINGS E850-869			COLON	LUNG	BREAST	FEMALE GENITALS 183-184	HYPERTEN- SIVE HEART 402, 404	ISCHEMIC HEART 410-414			
TOTAL																			
1998	2,104	7,491	2,950	1,587	23,373	2,003	2,420	1,313	1,442	1,339	2,074	6,018	4,095	1,484	2,190	22,818	1,144		
1997	2,079	7,616	3,117	1,510	22,835	1,874	2,452	1,342	1,467	1,709	2,180	6,147	4,090	1,507	2,073	22,860	1,203		
1996	2,081	7,592	3,179	1,430	22,960	1,841	2,827	1,485	1,510	1,901	2,128	5,991	4,295	1,416	1,968	22,796	1,316		
1995	2,149	7,639	3,191	1,449	22,926	1,918	2,948	1,539	1,623	2,367	2,061	6,037	4,241	1,515	1,878	23,170	1,367		
1994	2,066	7,758	3,321	1,326	23,200	1,720	2,977	1,391	1,665	2,588	2,222	5,938	4,404	1,542	1,915	23,192	1,384		
1993	2,036	7,771	3,360	1,247	23,214	1,914	3,031	1,600	1,771	2,734	2,132	5,891	4,310	1,430	1,606	22,818	1,255		
1990	2,159	7,918	2,999	1,154	23,294	1,760	3,849	1,035	1,757	2,180	2,133	5,367	4,293	1,422	1,556	22,990	1,540		
AMERICAN INDIAN																			
1998	4	30	9	5	67	8	27	11	8	6	6	17	11	3	5	69	11		
1997	7	27	9	3	68	16	22	16	7	10	10	17	15	6	8	69	11		
1996	6	24	5	5	66	7	29	16	3	6	2	18	9	1	10	67	7		
1995	2	14	3	6	61	13	19	17	6	18	2	9	14	-	8	55	12		
1994	3	22	3	4	50	5	16	9	4	10	6	19	10	3	8	56	9		
1993	4	15	6	5	62	8	16	11	3	9	3	8	5	1	3	41	9		
1990	4	9	2	5	47	6	21	5	8	9	8	10	6	4	2	27	8		
ASIAN/PACIFIC ISLANDER																			
1998	179	496	111	113	1,482	118	175	19	61	84	154	283	255	74	128	1,055	121		
1997	141	480	113	120	1,355	101	198	16	79	101	151	285	220	81	118	992	144		
1996	158	469	114	109	1,317	97	190	19	56	104	153	244	198	85	102	908	141		
1995	143	421	120	102	1,321	84	201	26	70	140	118	266	222	65	111	898	132		
1994	135	463	95	100	1,237	83	214	15	68	124	127	218	209	72	101	881	132		
1993	135	434	124	78	1,208	84	174	17	74	147	110	229	177	65	80	749	108		
1990	113	331	96	58	971	70	223	20	58	92	89	155	162	57	59	685	133		
BLACK																			
1998	163	621	304	273	1,459	266	169	154	71	371	186	398	337	78	333	1,565	85		
1997	153	674	340	285	1,341	220	175	171	72	499	181	415	349	90	315	1,520	65		
1996	151	637	321	269	1,293	242	217	173	74	556	182	366	353	72	297	1,531	95		
1995	173	642	336	244	1,302	246	231	195	86	666	150	396	348	59	293	1,527	93		
1994	159	623	329	226	1,385	204	248	169	82	854	181	380	337	71	329	1,502	90		
1993	151	684	332	260	1,362	254	263	179	95	913	175	320	308	63	233	1,542	92		
1990	157	619	311	241	1,296	261	278	123	72	720	177	349	330	65	253	1,531	100		
HISPANIC																			
1998	219	548	291	146	2,167	249	794	354	202	660	157	284	436	177	184	2,046	290		
1997	178	527	260	142	2,091	253	801	342	192	803	172	325	429	142	180	2,009	290		
1996	185	493	266	130	2,053	248	935	416	212	936	158	290	425	146	139	1,900	336		
1995	165	494	261	138	1,956	244	980	406	235	1,181	150	262	367	124	142	1,787	356		
1994	161	464	266	130	1,865	215	987	373	230	1,205	148	244	377	141	137	1,717	337		
1993	150	467	243	101	1,918	213	1,048	490	232	1,187	136	246	379	143	124	1,720	307		
1990	154	426	181	82	1,763	166	1,266	301	190	949	129	201	343	129	105	1,535	352		
WHITE/OTHER RACES																			
1998	1,539	5,793	2,235	1,048	18,194	1,362	1,255	775	1,100	218	1,571	5,036	3,056	1,152	1,538	18,081	637		
1997	1,599	5,906	2,395	957	17,978	1,283	1,254	794	1,116	292	1,665	5,105	3,077	1,188	1,452	18,266	693		
1996	1,581	5,968	2,472	917	18,225	1,247	1,456	860	1,165	297	1,633	5,073	3,310	1,112	1,420	18,383	736		
1995	1,665	6,063	2,469	957	18,279	1,331	1,515	895	1,225	361	1,639	5,102	3,288	1,267	1,324	18,901	774		
1994	1,608	6,186	2,628	866	18,658	1,213	1,512	825	1,280	395	1,758	5,077	3,470	1,255	1,339	19,032	816		
1993	1,596	6,170	2,655	803	18,656	1,355	1,529	902	1,366	476	1,708	5,088	3,440	1,158	1,166	18,763	739		
1990	1,728	6,532	2,408	768	19,207	1,255	2,055	585	1,429	410	1,730	4,649	3,451	1,167	1,136	19,205	947		

- Represents zero events.

Note: American Indian, Asian/Pacific Islander, Black, and White/Other Races exclude Hispanic ethnicity. Hispanic includes any race category. American Indian includes Eskimo and Aleut. Total includes Race Not Stated and Unknown.

Source: State of California, Department of Health Services, Death Records.

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)
 (Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS			DEATH RATES			AGE-ADJUSTED DEATH RATES					
		YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES
ALL CAUSES	000-999	1998	225,450	113,639	111,811	1998	673.1	676.6	669.6	1998	790.6	951.2	667.0
		1997	223,438	113,026	110,412	1997	678.0	684.0	671.9	1997	802.5	970.2	674.8
		1996	222,308	113,873	108,435	1996	686.5	701.7	671.2	1996	820.1	1000.1	681.8
		1995	222,626	116,199	106,427	1995	694.3	723.4	665.2	1995	839.9	1037.6	686.6
		1994	222,854	116,504	106,350	1994	701.0	731.8	670.2	1994	857.2	1061.4	700.3
		1993	220,271	115,824	104,447	1993	698.9	733.9	663.8	1993	860.9	1069.7	700.1
		1992	214,586	113,273	101,313	1992	688.1	725.3	650.7	1992	853.5	1062.5	692.4
		1991	214,220	113,107	101,113	1991	700.9	739.2	662.5	1991	875.4	1092.4	709.9
		1990	213,766	112,736	101,030	1990	713.9	752.1	675.7	1990	898.7	1120.6	730.0
ACQUIRED IMMUNE DEFICIENCY SYNDROME	042-044	1998	1,432	1,233	199	1998	4.3	7.3	1.2	1998	4.3	7.3	1.2
		1997	1,857	1,640	217	1997	5.6	9.9	1.3	1997	5.6	9.8	1.3
		1996	4,207	3,838	369	1996	13.0	23.7	2.3	1996	12.9	23.4	2.3
		1995	6,450	5,962	488	1995	20.1	37.1	3.1	1995	20.1	36.8	3.0
		1994	6,739	6,261	478	1994	21.2	39.3	3.0	1994	21.2	39.2	3.0
		1993	6,287	5,901	386	1993	19.9	37.4	2.5	1993	20.0	37.3	2.4
		1992	5,996	5,685	311	1992	19.2	36.4	2.0	1992	19.4	36.6	2.0
		1991	5,533	5,316	217	1991	18.1	34.7	1.4	1991	18.5	35.4	1.4
		1990	5,041	4,832	209	1990	16.8	32.2	1.4	1990	17.1	32.8	1.3
MALIGNANT NEOPLASMS	140-208	1998	51,186	26,287	24,899	1998	152.8	156.5	149.1	1998	178.0	215.2	153.3
		1997	51,818	26,571	25,247	1997	157.2	160.8	153.6	1997	184.5	224.3	158.9
		1996	50,904	25,930	24,974	1996	157.2	159.8	154.6	1996	186.0	225.8	160.9
		1995	51,217	26,365	24,852	1995	159.7	164.1	155.3	1995	191.4	235.3	163.6
		1994	51,247	26,103	25,144	1994	161.2	164.0	158.4	1994	195.0	237.4	168.4
		1993	50,751	26,022	24,729	1993	161.0	164.9	157.2	1993	196.1	240.2	168.3
		1992	49,903	25,662	24,241	1992	160.0	164.3	155.7	1992	196.1	241.2	167.6
		1991	50,001	25,686	24,315	1991	163.6	167.9	159.3	1991	201.4	248.0	172.4
		1990	48,896	25,318	23,578	1990	163.3	168.9	157.7	1990	202.1	251.8	171.4
DIABETES	250	1998	5,796	2,842	2,954	1998	17.3	16.9	17.7	1998	20.3	23.2	18.0
		1997	5,611	2,667	2,944	1997	17.0	16.1	17.9	1997	20.1	22.5	18.4
		1996	5,380	2,564	2,816	1996	16.6	15.8	17.4	1996	19.8	22.2	18.0
		1995	5,096	2,385	2,711	1995	15.9	14.8	16.9	1995	19.2	21.2	17.7
		1994	4,918	2,256	2,662	1994	15.5	14.2	16.8	1994	18.9	20.6	17.7
		1993	3,831	1,776	2,055	1993	12.2	11.3	13.1	1993	14.9	16.3	13.9
		1992	3,559	1,608	1,951	1992	11.4	10.3	12.5	1992	14.1	15.1	13.4
		1991	3,308	1,504	1,804	1991	10.8	9.8	11.8	1991	13.5	14.6	12.8
		1990	3,378	1,467	1,911	1990	11.3	9.8	12.8	1990	14.2	14.7	13.8
ALZHEIMER'S DISEASE	331.0	1998	2,087	684	1,403	1998	6.2	4.1	8.4	1998	7.7	6.9	8.1
		1997	2,057	684	1,373	1997	6.2	4.1	8.4	1997	7.9	7.2	8.2
		1996	1,972	661	1,311	1996	6.1	4.1	8.1	1996	7.8	7.3	8.1
		1995	1,717	604	1,113	1995	5.4	3.8	7.0	1995	7.1	6.8	7.1
		1994	1,521	571	950	1994	4.8	3.6	6.0	1994	6.4	6.7	6.3
		1993	1,225	417	808	1993	3.9	2.6	5.1	1993	5.3	4.9	5.4
		1992	1,185	422	763	1992	3.8	2.7	4.9	1992	5.3	5.2	5.3
		1991	1,116	431	685	1991	3.7	2.8	4.5	1991	5.1	5.5	4.9
		1990	1,189	414	775	1990	4.0	2.8	5.2	1990	5.6	5.3	5.7
HEART DISEASE	390-398, 402 404-429	1998	68,946	34,225	34,721	1998	205.8	203.8	207.9	1998	247.9	304.7	204.2
		1997	68,273	33,753	34,520	1997	207.2	204.3	210.1	1997	252.3	309.3	208.4
		1996	67,676	33,502	34,174	1996	209.0	206.4	211.5	1996	258.9	318.3	213.1
		1995	67,990	33,575	34,415	1995	212.1	209.0	215.1	1995	268.2	329.8	221.2
		1994	68,312	33,816	34,496	1994	214.9	212.4	217.4	1994	276.1	340.7	227.3
		1993	68,603	34,155	34,448	1993	217.7	216.4	218.9	1993	282.9	351.1	231.9
		1992	66,668	33,320	33,348	1992	213.8	213.4	214.2	1992	280.3	346.7	229.7
		1991	67,140	33,671	33,469	1991	219.7	220.1	219.3	1991	291.1	361.8	237.5
		1990	67,425	33,742	33,683	1990	225.2	225.1	225.3	1990	301.1	373.5	246.4
HYPERTENSION	401, 403	1998	1,687	698	989	1998	5.0	4.2	5.9	1998	6.1	6.4	5.8
		1997	1,552	646	906	1997	4.7	3.9	5.5	1997	5.7	6.0	5.5
		1996	1,470	622	848	1996	4.5	3.8	5.2	1996	5.7	6.2	5.3
		1995	1,376	561	815	1995	4.3	3.5	5.1	1995	5.4	5.6	5.2

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)
 (Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS			DEATH RATES			AGE-ADJUSTED DEATH RATES					
		YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES
CEREBROVASCULAR DISEASE	430-438	1994	1,269	504	765	1994	4.0	3.2	4.8	1994	5.2	5.4	5.0
		1993	1,079	396	683	1993	3.4	2.5	4.3	1993	4.5	4.3	4.6
		1992	1,086	441	645	1992	3.5	2.8	4.1	1992	4.6	4.8	4.5
		1991	983	393	590	1991	3.2	2.6	3.9	1991	4.3	4.4	4.2
		1990	938	392	546	1990	3.1	2.6	3.7	1990	4.2	4.6	4.0
		1998	16,385	6,556	9,829	1998	48.9	39.0	58.9	1998	59.2	59.9	57.8
		1997	16,649	6,706	9,943	1997	50.5	40.6	60.5	1997	61.9	63.5	60.0
		1996	16,481	6,593	9,888	1996	50.9	40.6	61.2	1996	63.5	65.0	61.7
		1995	16,176	6,551	9,625	1995	50.5	40.8	60.2	1995	64.4	66.7	62.0
		1994	15,703	6,282	9,421	1994	49.4	39.5	59.4	1994	64.3	66.7	62.2
ATHEROSCLEROSIS	440	1993	15,195	6,132	9,063	1993	48.2	38.9	57.6	1993	63.4	65.5	61.1
		1992	15,111	6,020	9,091	1992	48.5	38.5	58.4	1992	64.6	66.1	62.8
		1991	15,350	6,163	9,187	1991	50.2	40.3	60.2	1991	67.8	70.1	65.4
		1990	15,462	6,029	9,433	1990	51.6	40.2	63.1	1990	70.6	70.9	69.3
		1998	1,937	730	1,207	1998	5.8	4.3	7.2	1998	7.2	7.4	6.9
		1997	1,979	769	1,210	1997	6.0	4.7	7.4	1997	7.5	7.9	7.2
		1996	1,885	716	1,169	1996	5.8	4.4	7.2	1996	7.5	7.7	7.2
		1995	1,927	738	1,189	1995	6.0	4.6	7.4	1995	7.9	8.3	7.6
		1994	1,990	727	1,263	1994	6.3	4.6	8.0	1994	8.5	8.6	8.3
		1993	1,986	739	1,247	1993	6.3	4.7	7.9	1993	8.7	8.8	8.4
AORTIC ANEURYSMS	441	1992	2,023	760	1,263	1992	6.5	4.9	8.1	1992	9.1	9.4	8.7
		1991	2,020	801	1,219	1991	6.6	5.2	8.0	1991	9.3	10.3	8.7
		1990	2,067	768	1,299	1990	6.9	5.1	8.7	1990	9.9	10.2	9.6
		1998	1,535	994	541	1998	4.6	5.9	3.2	1998	5.4	8.5	3.3
		1997	1,493	944	549	1997	4.5	5.7	3.3	1997	5.4	8.3	3.4
		1996	1,480	936	544	1996	4.6	5.8	3.4	1996	5.5	8.6	3.4
		1995	1,447	948	499	1995	4.5	5.9	3.1	1995	5.5	8.8	3.2
		1994	1,482	939	543	1994	4.7	5.9	3.4	1994	5.8	9.2	3.6
		1993	1,502	968	534	1993	4.8	6.1	3.4	1993	5.9	9.3	3.6
		1992	1,594	1,056	538	1992	5.1	6.8	3.5	1992	6.4	10.4	3.7
PNEUMONIA & INFLUENZA	480-487	1991	1,643	1,059	584	1991	5.4	6.9	3.8	1991	6.8	10.8	4.1
		1990	1,633	1,114	519	1990	5.5	7.4	3.5	1990	7.0	11.7	3.8
		1998	13,316	5,942	7,374	1998	39.8	35.4	44.2	1998	48.7	58.1	42.9
		1997	12,286	5,534	6,752	1997	37.3	33.5	41.1	1997	46.2	55.5	40.3
		1996	11,134	5,009	6,125	1996	34.4	30.9	37.9	1996	43.4	52.5	37.9
		1995	10,548	4,726	5,822	1995	32.9	29.4	36.4	1995	42.6	51.4	37.2
		1994	10,237	4,679	5,558	1994	32.2	29.4	35.0	1994	42.4	52.4	36.5
		1993	10,508	4,865	5,643	1993	33.3	30.8	35.9	1993	44.3	55.0	37.8
		1992	9,793	4,515	5,278	1992	31.4	28.9	33.9	1992	42.5	53.1	36.3
		1991	9,725	4,464	5,261	1991	31.8	29.2	34.5	1991	43.7	54.6	37.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496	1990	9,686	4,333	5,353	1990	32.3	28.9	35.8	1990	45.0	54.2	39.3
		1998	12,261	5,882	6,379	1998	36.6	35.0	38.2	1998	43.7	52.5	38.5
		1997	11,737	5,657	6,080	1997	35.6	34.2	37.0	1997	42.9	51.9	37.5
		1996	11,373	5,515	5,858	1996	35.1	34.0	36.3	1996	42.7	52.4	37.1
		1995	10,765	5,290	5,475	1995	33.6	32.9	34.2	1995	41.5	51.6	35.5
		1994	11,017	5,457	5,560	1994	34.7	34.3	35.0	1994	43.2	54.0	36.7
		1993	10,625	5,326	5,299	1993	33.7	33.7	33.7	1993	42.3	53.9	35.5
		1992	10,040	5,142	4,898	1992	32.2	32.9	31.5	1992	40.7	52.7	33.5
		1991	9,703	4,942	4,761	1991	31.7	32.3	31.2	1991	40.2	52.2	33.3
		1990	9,647	5,081	4,566	1990	32.2	33.9	30.5	1990	41.3	55.9	32.8
CHRONIC LIVER DISEASE AND CIRRHOsis	571	1998	3,460	2,349	1,111	1998	10.3	14.0	6.7	1998	11.4	16.5	6.9
		1997	3,502	2,304	1,198	1997	10.6	13.9	7.3	1997	11.9	16.6	7.7
		1996	3,501	2,324	1,177	1996	10.8	14.3	7.3	1996	12.2	17.2	7.7
		1995	3,575	2,372	1,203	1995	11.2	14.8	7.5	1995	12.7	17.9	8.1
		1994	3,630	2,451	1,179	1994	11.4	15.4	7.4	1994	13.1	18.8	8.0
		1993	3,681	2,436	1,245	1993	11.7	15.4	7.9	1993	13.5	19.1	8.6
		1992	3,737	2,517	1,220	1992	12.0	16.1	7.8	1992	14.0	20.0	8.6
		1991	3,728	2,424	1,304	1991	12.2	15.8	8.5	1991	14.3	19.8	9.3

APPENDIX TABLE C

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 16 LEADING CAUSES OF DEATH BY SEX, CALIFORNIA 1990-1998 (By Place of Residence)
 (Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS			DEATH RATES			AGE-ADJUSTED DEATH RATES					
		YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES	YEAR	TOTAL	MALES	FEMALES
NEPHRITIS	580-589	1990	3,890	2,613	1,277	1990	13.0	17.4	8.5	1990	15.2	21.8	9.3
		1998	1,285	631	654	1998	3.8	3.8	3.9	1998	4.6	5.6	3.9
		1997	1,275	600	675	1997	3.9	3.6	4.1	1997	4.6	5.6	4.1
		1996	1,175	571	604	1996	3.6	3.5	3.7	1996	4.4	5.6	3.8
		1995	1,147	610	537	1995	3.6	3.8	3.4	1995	4.4	6.0	3.5
		1994	1,193	579	614	1994	3.8	3.6	3.9	1994	4.7	5.9	4.0
		1993	1,523	725	798	1993	4.8	4.6	5.1	1993	6.1	7.4	5.3
		1992	1,476	713	763	1992	4.7	4.6	4.9	1992	6.0	7.5	5.2
		1991	1,458	737	721	1991	4.8	4.8	4.7	1991	6.1	8.1	5.1
		1990	1,520	759	761	1990	5.1	5.1	5.1	1990	6.6	8.6	5.5
ACCIDENTS	E800-E949	1998	8,620	5,918	2,702	1998	25.7	35.2	16.2	1998	27.1	38.8	16.3
		1997	8,762	5,960	2,802	1997	26.6	36.1	17.1	1997	28.0	39.5	17.2
		1996	9,217	6,349	2,868	1996	28.5	39.1	17.8	1996	29.9	42.5	17.9
		1995	9,372	6,525	2,847	1995	29.2	40.6	17.8	1995	30.6	43.7	18.1
		1994	9,233	6,421	2,812	1994	29.0	40.3	17.7	1994	30.4	43.6	18.0
		1993	9,536	6,819	2,717	1993	30.3	43.2	17.3	1993	31.4	46.2	17.6
		1992	9,251	6,526	2,725	1992	29.7	41.8	17.5	1992	30.8	44.3	17.9
		1991	9,420	6,622	2,798	1991	30.8	43.3	18.3	1991	31.9	45.7	18.7
		1990	10,170	7,218	2,952	1990	34.0	48.2	19.7	1990	34.8	50.1	20.2
SUICIDE	E950-E959	1998	3,215	2,519	696	1998	9.6	15.0	4.2	1998	10.1	16.6	4.3
		1997	3,424	2,651	773	1997	10.4	16.0	4.7	1997	10.9	17.8	4.8
		1996	3,408	2,663	745	1996	10.5	16.4	4.6	1996	11.0	18.1	4.8
		1995	3,823	2,999	824	1995	11.9	18.7	5.2	1995	12.6	20.6	5.3
		1994	3,690	2,872	818	1994	11.6	18.0	5.2	1994	12.2	19.9	5.4
		1993	3,818	3,000	818	1993	12.1	19.0	5.2	1993	12.8	21.2	5.4
		1992	3,700	2,800	900	1992	11.9	17.9	5.8	1992	12.7	20.1	6.1
		1991	3,765	2,919	846	1991	12.3	19.1	5.5	1991	13.1	21.4	5.9
		1990	3,735	2,872	863	1990	12.5	19.2	5.8	1990	13.2	21.5	5.9
HOMICIDE	E960-E969	1998	2,265	1,844	421	1998	6.8	11.0	2.5	1998	6.7	10.7	2.5
		1997	2,780	2,305	475	1997	8.4	13.9	2.9	1997	8.3	13.5	2.9
		1996	3,007	2,498	509	1996	9.3	15.4	3.2	1996	9.1	14.8	3.1
		1995	3,623	2,998	625	1995	11.3	18.7	3.9	1995	11.0	17.7	3.9
		1994	3,821	3,236	585	1994	12.0	20.3	3.7	1994	11.5	19.0	3.6
		1993	4,206	3,466	740	1993	13.3	22.0	4.7	1993	12.7	20.4	4.5
		1992	4,092	3,411	681	1992	13.1	21.8	4.4	1992	12.4	20.2	4.2
		1991	4,071	3,336	735	1991	13.3	21.8	4.8	1991	12.3	19.6	4.6
		1990	3,703	3,044	659	1990	12.4	20.3	4.4	1990	11.3	18.0	4.2

Source: State of California, Department of Health Services, Death Records

State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000.

APPENDIX TABLE D

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS					DEATH RATES					AGE-ADJUSTED DEATH RATES							
		YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE
ALL CAUSES	000-999	1998	225,450	13,591	17,607	26,979	166,475	1998	673.1	364.8	749.0	271.4	963.3	1998	790.6	523.3	1097.2	558.6	842.1
		1997	223,438	13,144	17,480	26,470	165,544	1997	678.0	366.2	755.1	274.6	961.6	1997	802.5	531.0	1105.7	563.9	853.4
		1996	222,308	12,475	17,925	26,128	165,040	1996	686.5	361.3	787.8	280.0	963.4	1996	820.1	547.5	1107.8	580.1	864.7
		1995	222,626	12,037	18,011	25,901	165,928	1995	694.3	360.6	800.3	284.6	965.8	1995	839.9	570.1	1193.9	591.4	883.0
		1994	222,854	11,685	18,279	24,903	167,320	1994	701.0	361.0	818.6	280.3	970.2	1994	857.2	583.5	1230.0	588.7	900.1
		1993	220,271	10,925	18,246	24,906	165,554	1993	698.9	348.9	824.0	287.7	955.8	1993	860.9	582.1	1237.9	615.7	897.0
		1992	214,586	10,358	17,666	23,750	162,239	1992	688.1	343.1	805.8	282.0	934.4	1992	853.5	593.0	1216.4	609.7	886.0
		1991	214,220	9,862	17,558	22,903	163,347	1991	700.9	342.4	817.5	282.8	947.0	1991	875.4	611.8	1244.1	629.6	907.5
		1990	213,766	9,017	17,324	22,405	164,519	1990	713.9	328.4	822.9	288.2	960.3	1990	898.7	614.7	1262.4	653.0	931.1
ACQUIRED IMMUNE DEFICIENCY SYNDROME	042-044	1998	1,432	31	316	345	733	1998	4.3	0.8	13.4	3.5	4.2	1998	4.3	0.8	13.9	4.0	3.9
		1997	1,857	33	426	441	952	1997	5.6	0.9	18.4	4.6	5.5	1997	5.6	0.9	19.0	5.2	5.2
		1996	4,207	103	854	949	2,288	1996	13.0	3.0	37.5	10.2	13.4	1996	12.9	2.9	39.0	11.3	12.5
		1995	6,450	131	1,150	1,308	3,829	1995	20.1	3.9	51.1	14.4	22.3	1995	20.1	3.9	52.9	16.3	20.9
		1994	6,739	156	1,145	1,268	4,147	1994	21.2	4.8	51.3	14.3	24.0	1994	21.2	4.7	53.2	16.2	22.7
		1993	6,287	106	986	1,117	4,056	1993	19.9	3.4	44.5	12.9	23.4	1993	20.0	3.4	45.3	14.5	22.2
		1992	5,996	99	914	1,009	3,964	1992	19.2	3.3	41.7	12.0	22.8	1992	19.4	3.3	42.6	13.7	21.7
		1991	5,533	98	721	884	3,811	1991	18.1	3.4	33.6	10.9	22.1	1991	18.5	3.5	34.5	13.1	21.1
		1990	5,041	86	610	759	3,571	1990	16.8	3.1	29.0	9.8	20.8	1990	17.1	3.2	29.6	11.6	19.9
MALIGNANT NEOPLASMS	140-208	1998	51,186	3,581	3,783	5,293	38,380	1998	152.8	96.1	160.9	53.3	222.1	1998	178.0	129.4	236.2	115.3	193.3
		1997	51,818	3,424	3,904	5,191	39,145	1997	157.2	95.4	168.6	53.9	227.4	1997	184.5	131.2	249.7	118.4	200.1
		1996	50,904	3,265	3,808	4,852	38,850	1996	157.2	94.6	167.4	52.0	226.8	1996	186.0	134.8	254.4	117.7	200.8
		1995	51,217	3,106	3,755	4,640	39,615	1995	159.7	93.0	166.9	51.0	230.6	1995	191.4	137.4	258.3	119.2	207.2
		1994	51,247	3,061	3,709	4,346	40,016	1994	161.2	94.6	166.1	48.9	232.0	1994	195.0	142.6	259.9	116.5	211.0
		1993	50,751	2,959	3,743	4,370	39,577	1993	161.0	94.5	169.0	50.5	228.5	1993	196.1	146.7	267.8	123.9	209.8
		1992	49,903	2,660	3,730	4,271	39,134	1992	160.0	88.1	170.1	50.7	225.4	1992	196.1	140.8	270.8	125.8	208.8
		1991	50,001	2,542	3,727	4,002	39,629	1991	163.6	88.2	173.5	49.4	229.7	1991	201.4	144.6	275.9	125.8	215.1
		1990	48,896	2,309	3,623	3,809	39,073	1990	163.3	84.1	172.1	49.0	228.1	1990	202.1	143.7	276.4	128.0	215.4
DIABETES	250	1998	5,796	487	698	1,334	3,231	1998	17.3	13.1	29.7	13.4	18.7	1998	20.3	19.1	45.0	31.6	16.2
		1997	5,611	463	676	1,260	3,165	1997	17.0	12.9	29.2	13.1	18.4	1997	20.1	19.3	43.7	30.5	16.1
		1996	5,380	386	701	1,115	3,151	1996	16.6	11.2	30.8	11.9	18.4	1996	19.8	16.9	48.8	29.0	16.3
		1995	5,096	396	600	1,085	2,977	1995	15.9	11.9	26.7	11.9	17.3	1995	19.2	19.0	42.1	30.3	15.6
		1994	4,918	302	625	970	2,996	1994	15.5	9.3	28.0	10.9	17.4	1994	18.9	16.1	44.8	27.9	15.9
		1993	3,831	236	481	757	2,330	1993	12.2	7.5	21.7	8.7	13.5	1993	14.9	13.3	34.5	22.6	12.4
		1992	3,559	241	420	689	2,189	1992	11.4	8.0	19.2	8.2	12.6	1992	14.1	15.0	31.2	21.8	11.8
		1991	3,308	185	426	607	2,071	1991	10.8	6.4	19.8	7.5	12.0	1991	13.5	11.6	32.0	20.8	11.3
		1990	3,378	195	435	626	2,106	1990	11.3	7.1	20.7	8.1	12.3	1990	14.2	14.2	33.3	23.6	11.7
ALZHEIMER'S DISEASE	331.0	1998	2,087	48	85	107	1,846	1998	6.2	1.3	3.6	1.1	10.7	1998	7.7	2.2	6.8	3.1	9.2
		1997	2,057	52	93	103	1,807	1997	6.2	1.4	4.0	1.1	10.5	1997	7.9	2.5	7.5	3.1	9.2
		1996	1,972	29	81	91	1,768	1996	6.1	0.8	3.6	1.0	10.3	1996	7.8	1.5	6.9	3.0	9.3
		1995	1,717	28	76	92	1,519	1995	5.4	0.8	3.4	1.0	8.8	1995	7.1	1.6	6.7	3.3	8.1
		1994	1,521	36	79	50	1,355	1994	4.8	1.1	3.5	0.6	7.9	1994	6.4	2.2	7.3	1.9	7.3
		1993	1,225	26	48	44	1,105	1993	3.9	0.8	2.2	0.5	6.4	1993	5.3	1.8	4.4	1.9	6.1
		1992	1,185	15	52	42	1,075	1992	3.8	0.5	2.4	0.5	6.2	1992	5.3	1.1	5.1	1.8	6.0
		1991	1,116	8	46	31	1,031	1991	3.7	0.3	2.1	0.4	6.0	1991	5.1	0.7	4.5	1.5	5.9
		1990	1,189	21	47	41	1,079	1990	4.0	0.8	2.2	0.5	6.3	1990	5.6	2.2	4.5	2.0	6.3
HEART DISEASE	390-398,402 404-429	1998	68,946	3,695	5,411	6,481	53,152	1998	205.8	99.2	230.2	65.2	307.6	1998	247.9	152.3	362.5	164.3	266.3
		1997	68,273	3,485	5,169	6,295	53,115	1997	207.2	97.1	223.3	65.3	308.5	1997	252.3	151.5	355.4	165.4	271.9
		1996	67,676	3,317	5,089	5,963	53,099	1996	209.0	96.1	223.7	63.9	309.9	1996	258.9	158.6	369.9	170.6	276.9
		1995	67,990	3,291	5,056	5,769	53,674	1995	212.1	98.6	224.7	63.4	312.4	1995	268.2	172.4	382.1	175.1	285.1
		1994	68,312	3,173	5,119	5,582	54,283	1994	214.9	98.0	229.3	62.8	314.8	1994	276.1	176.4	398.5	179.3	292.3
		1993	68,603	2,928	5,270	5,653	54,591	1993	217.7	93.5	238.0	65.3	315.2	1993	282.9	177.3	413.7	192.0	297.0
		1992	66,668	2,904	5,075	5,265	53,273	1992	213.8	96.2	231.5	62.5	306.8	1992	280.3	188.7	401.9	189.2	2

APPENDIX TABLE D

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS					DEATH RATES					AGE-ADJUSTED DEATH RATES							
		YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE
CEREBROVASCULAR DISEASE	430-438	1998	16,385	1,323	1,178	1,685	12,158	1998	48.9	35.5	50.1	17.0	70.4	1998	59.2	54.0	80.3	41.2	60.8
		1997	16,649	1,323	1,240	1,646	12,397	1997	50.5	36.9	53.6	17.1	72.0	1997	61.9	56.6	86.4	42.2	63.4
		1996	16,481	1,295	1,219	1,588	12,329	1996	50.9	37.5	53.6	17.0	72.0	1996	63.5	61.4	90.0	44.3	64.3
		1995	16,176	1,185	1,247	1,453	12,242	1995	50.5	35.5	55.4	16.0	71.3	1995	64.4	61.5	94.2	43.1	65.2
		1994	15,703	1,114	1,238	1,318	11,995	1994	49.4	34.4	55.4	14.8	69.6	1994	64.3	62.2	97.2	42.2	65.0
		1993	15,195	1,007	1,197	1,325	11,627	1993	48.2	32.2	54.1	15.3	67.1	1993	63.4	59.5	94.6	43.6	63.6
		1992	15,111	913	1,150	1,278	11,736	1992	48.5	30.2	52.5	15.2	67.6	1992	64.6	58.9	92.9	45.1	65.1
		1991	15,350	962	1,174	1,337	11,847	1991	50.2	33.4	54.7	16.5	68.7	1991	67.8	68.0	98.2	50.4	67.2
		1990	15,462	817	1,164	1,191	12,265	1990	51.6	29.8	55.3	15.3	71.6	1990	70.6	64.0	100.5	48.8	71.2
ATHEROSCLEROSIS	440	1998	1,937	60	83	149	1,635	1998	5.8	1.6	3.5	1.5	9.5	1998	7.2	2.7	6.3	4.2	8.2
		1997	1,979	41	98	159	1,676	1997	6.0	1.1	4.2	1.6	9.7	1997	7.5	2.0	7.4	4.7	8.6
		1996	1,885	73	105	125	1,580	1996	5.8	2.1	4.6	1.3	9.2	1996	7.5	4.0	8.9	4.0	8.3
		1995	1,927	48	108	140	1,627	1995	6.0	1.4	4.8	1.5	9.5	1995	7.9	2.8	9.5	4.8	8.8
		1994	1,990	58	100	112	1,718	1994	6.3	1.8	4.5	1.3	10.0	1994	8.5	3.7	9.0	4.2	9.4
		1993	1,986	56	110	139	1,678	1993	6.3	1.8	5.0	1.6	9.7	1993	8.7	3.8	9.8	5.5	9.4
		1992	2,023	49	91	139	1,742	1992	6.5	1.6	4.2	1.7	10.0	1992	9.1	3.7	8.7	5.9	9.9
		1991	2,020	47	103	123	1,746	1991	6.6	1.6	4.8	1.5	10.1	1991	9.3	4.1	9.8	5.7	10.1
		1990	2,067	42	110	120	1,791	1990	6.9	1.5	5.2	1.5	10.5	1990	9.9	4.1	10.9	6.1	10.6
AORTIC ANEURYSM	441	1998	1,535	120	75	111	1,226	1998	4.6	3.2	3.2	1.1	7.1	1998	5.4	4.7	4.9	2.8	6.1
		1997	1,493	95	83	80	1,233	1997	4.5	2.6	3.6	0.8	7.2	1997	5.4	3.9	5.5	1.9	6.2
		1996	1,480	103	75	93	1,206	1996	4.6	3.0	3.3	1.0	7.0	1996	5.5	4.7	5.3	2.5	6.2
		1995	1,447	80	62	84	1,216	1995	4.5	2.4	2.8	0.9	7.1	1995	5.5	3.9	4.1	2.4	6.3
		1994	1,482	81	87	75	1,236	1994	4.7	2.5	3.9	0.8	7.2	1994	5.8	4.4	6.5	2.3	6.5
		1993	1,502	86	70	85	1,259	1993	4.8	2.7	3.2	1.0	7.3	1993	5.9	4.7	5.4	2.6	6.6
		1992	1,594	93	63	80	1,356	1992	5.1	3.1	2.9	1.0	7.8	1992	6.4	5.6	4.7	2.6	7.2
		1991	1,643	85	94	87	1,373	1991	5.4	3.0	4.4	1.1	8.0	1991	6.8	5.9	7.2	3.0	7.4
		1990	1,633	85	92	81	1,373	1990	5.5	3.1	4.4	1.0	8.0	1990	7.0	6.3	7.3	2.9	7.5
PNEUMONIA & INFLUENZA	480-487	1998	13,316	802	807	1,156	10,524	1998	39.8	21.5	34.3	11.6	60.9	1998	48.7	35.4	58.0	30.9	52.7
		1997	12,286	698	653	1,152	9,754	1997	37.3	19.4	28.2	12.0	56.7	1997	46.2	32.2	48.3	31.2	50.0
		1996	11,134	618	616	972	8,905	1996	34.4	17.9	27.1	10.4	52.0	1996	43.4	31.9	48.0	29.2	46.7
		1995	10,548	565	565	892	8,500	1995	32.9	16.9	25.1	9.8	49.5	1995	42.6	32.7	45.8	28.0	45.6
		1994	10,237	530	581	828	8,272	1994	32.2	16.4	26.0	9.3	48.0	1994	42.4	32.2	47.5	27.3	45.2
		1993	10,508	546	601	940	8,392	1993	33.3	17.4	27.1	10.9	48.5	1993	44.3	35.9	49.0	32.9	46.2
		1992	9,793	484	572	801	7,910	1992	31.4	16.0	26.1	9.5	45.6	1992	42.5	35.4	48.7	30.0	44.3
		1991	9,725	474	553	766	7,912	1991	31.8	16.5	25.7	9.5	45.9	1991	43.7	38.6	48.4	31.8	45.3
		1990	9,686	386	485	730	8,065	1990	32.3	14.1	23.0	9.4	47.1	1990	45.0	35.8	41.2	32.1	47.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496	1998	12,261	483	651	674	10,419	1998	36.6	13.0	27.7	6.8	60.3	1998	43.7	20.0	42.4	17.8	51.8
		1997	11,737	547	607	624	9,937	1997	35.6	15.2	26.2	6.5	57.7	1997	42.9	24.1	40.8	17.4	50.2
		1996	11,373	479	585	531	9,745	1996	35.1	13.9	25.7	5.7	56.9	1996	42.7	22.3	40.8	15.9	49.8
		1995	10,765	433	504	499	9,296	1995	33.6	13.0	22.4	5.5	54.1	1995	41.5	22.6	36.0	15.7	48.3
		1994	11,017	414	519	507	9,556	1994	34.7	12.8	23.2	5.7	55.4	1994	43.2	22.5	37.9	16.8	50.0
		1993	10,625	360	471	548	9,221	1993	33.7	11.5	21.3	6.3	53.2	1993	42.3	20.9	34.7	19.3	48.4
		1992	10,040	338	479	437	8,773	1992	32.2	11.2	21.8	5.2	50.5	1992	40.7	21.1	35.8	16.3	46.5
		1991	9,703	335	474	456	8,417	1991	31.7	11.6	22.1	5.6	48.8	1991	40.2	22.8	35.6	18.1	45.2
		1990	9,647	317	468	433	8,414	1990	32.2	11.5	22.2	5.6	49.1	1990	41.3	24.5	37.0	18.9	46.1
CHRONIC LIVER DISEASE AND CIRRHOsis	571	1998	3,460	127	210	987	2,100	1998	10.3	3.4	8.9	9.9	12.2	1998	11.4	4.3	11.3	17.6	10.8
		1997	3,502	109	213	944	2,192	1997	10.6	3.0	9.2	9.8	12.7	1997	11.9	3.8	11.5	17.6	11.5
		1996	3,501	130	222	954	2,162	1996	10.8	3.8	9.8	10.2	12.6	1996	12.2	5.1	12.5	18.6	11.5
		1995	3,575	118	218	916	2,289	1995	11.2	3.5	9.7	10.1	13.3	1995	12.7	4.8	12.5	18.9	12.3
		1994	3,630	125	238	930	2,299	1994	11.4	3.9	10.7	10.5	13.3	1994	13.1	5.5	14.0	19.8	12.4
		1993	3,681	113	250	897	2,381	1993	11.7	3.6	11.3	10.4	13.7	1993	13.5	4.9	15.3	20.0	12.9
		1992	3,737	135	274	871	2,422	1992	12.0	4.5	12.5	10.3	13.9	1992	14.0	6.5	17.1	20.3	13.3
		1991	3,728	109	284	842	2,461	1991	12.2	3.8	13.2	10.4	14.3	1991	14.3	5.9	17.9	20.0	13.7
		1990	3,890	97	317	817	2,622	1990	13.0	3.5	15.1	10.5	15.3	1990	15.2	5.4	20.2	20.4	14.8
NEPHRITIS	580-589	1998	1,285	106	214	823	1,998	3.8	2.8	5.7	2.2	4.8	1998	4.6	4.2	8.7	5.1	4.1	
		1997	1,275	102	143	197	829	1997	3.9	2.8	6.2	2.0	4.8	1997	4.6	4.3	9.7	4.9	4.2
		1996	1,175	108	122	209	728	1996	3.6	3.1	5.4	2.2	4.2	1996	4.4	5.2	8.8	5.7	3.8
		1995	1,147	100	147	171</td													

APPENDIX TABLE D

DEATHS, DEATH RATES AND AGE-ADJUSTED DEATH RATES FOR 18 MAJOR CAUSES OF DEATH BY RACE/ETHNICITY, CALIFORNIA 1990-1998 (By Place of Residence)

(Causes of death are coded to the Ninth Revision of the International Classification of Diseases, 1975; rates are per 100,000 population in specified groups; age-adjusted rates are per 100,000 Year 2000 U.S. standard population.)

CAUSES OF DEATH	ICD (Rev. 9)	DEATHS					DEATH RATES					AGE-ADJUSTED DEATH RATES							
		YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE	YEAR	TOTAL	ASIAN/ PACIFIC ISL	BLACK	HISPANIC	WHITE
CONGENITAL ANOMALIES	740-759	1998	1,413	113	132	530	633	1998	4.2	3.0	5.6	5.3	3.7	1998	4.1	2.9	5.5	3.6	4.0
		1997	1,484	128	114	563	672	1997	4.5	3.6	4.9	5.8	3.9	1997	4.3	3.5	4.7	4.0	4.3
		1996	1,451	109	138	535	665	1996	4.5	3.2	6.1	5.7	3.9	1996	4.1	2.9	5.6	3.7	4.2
		1995	1,515	121	151	553	686	1995	4.7	3.6	6.7	6.1	4.0	1995	4.2	3.3	5.7	3.8	4.3
		1994	1,512	124	122	585	674	1994	4.8	3.8	5.5	6.6	3.9	1994	4.1	3.3	4.4	3.8	4.2
		1993	1,544	126	146	576	690	1993	4.9	4.0	6.6	6.7	4.0	1993	4.1	3.3	5.6	3.7	4.2
		1992	1,593	121	152	623	692	1992	5.1	4.0	6.9	7.4	4.0	1992	4.2	3.3	5.4	4.1	4.0
		1991	1,726	141	167	642	772	1991	5.6	4.9	7.8	7.9	4.5	1991	4.5	3.8	6.1	4.3	4.4
		1990	1,713	116	159	627	810	1990	5.7	4.2	7.6	8.1	4.7	1990	4.8	3.9	5.5	4.7	4.7
CERTAIN PERINATAL CONDITIONS	760-779	1998	1,346	94	241	609	395	1998	4.2	2.5	10.3	6.1	2.3	1998	4.1	2.3	9.4	3.4	3.0
		1997	1,363	89	264	584	422	1997	4.1	2.5	11.4	6.1	2.5	1997	3.6	2.1	10.0	3.2	3.2
		1996	1,338	85	241	579	429	1996	4.1	2.5	10.6	6.2	2.5	1996	3.4	2.0	8.9	3.2	3.1
		1995	1,473	93	271	655	445	1995	4.6	2.8	12.0	7.2	2.6	1995	3.7	2.2	9.4	3.6	3.1
		1994	1,692	98	359	685	544	1994	5.3	3.0	16.1	7.7	3.2	1994	4.1	2.3	11.7	3.7	3.6
		1993	1,689	99	370	686	531	1993	5.4	3.2	16.7	7.9	3.1	1993	4.0	2.3	11.7	3.6	3.4
		1992	1,815	102	423	682	603	1992	5.8	3.4	19.3	8.1	3.5	1992	4.1	2.4	12.6	3.6	3.5
		1991	1,958	97	393	763	702	1991	6.4	3.4	18.3	9.4	4.1	1991	4.4	2.3	11.6	4.2	3.9
		1990	2,075	101	413	754	804	1990	6.9	3.7	19.6	9.7	4.7	1990	5.2	2.9	12.8	5.0	4.6
ACCIDENTS	E800-E949	1998	8,620	530	710	2,095	5,208	1998	25.7	14.2	30.2	21.1	30.1	1998	27.1	16.7	33.8	25.6	28.4
		1997	8,762	613	701	2,104	5,270	1997	26.6	17.1	30.3	21.8	30.6	1997	28.0	20.0	33.7	26.0	29.0
		1996	9,217	548	792	2,331	5,475	1996	28.5	15.9	34.8	25.0	32.0	1996	29.9	18.5	38.0	29.8	30.6
		1995	9,372	543	846	2,352	5,568	1995	29.2	16.3	37.6	25.8	32.4	1995	30.6	19.5	40.4	29.5	31.3
		1994	9,233	560	821	2,274	5,515	1994	29.0	17.3	36.8	25.6	32.0	1994	30.4	20.6	40.2	29.2	31.0
		1993	9,536	489	852	2,504	5,633	1993	30.3	15.6	38.5	28.9	32.5	1993	31.4	18.7	41.0	32.7	31.5
		1992	9,251	513	774	2,420	5,476	1992	29.7	17.0	35.3	28.7	31.5	1992	30.8	21.1	38.6	31.8	30.7
		1991	9,420	495	867	2,308	5,695	1991	30.8	17.2	40.4	28.5	33.0	1991	31.9	21.1	43.1	31.5	32.2
		1990	10,170	548	850	2,607	6,109	1990	34.0	20.0	40.4	33.5	35.7	1990	34.8	25.6	44.8	36.3	34.6
SUICIDE	E950-E959	1998	3,215	220	164	422	2,397	1998	9.6	5.9	7.0	4.2	13.9	1998	10.1	6.4	7.0	4.8	13.0
		1997	3,424	267	148	437	2,556	1997	10.4	7.4	6.4	4.5	14.8	1997	10.9	8.1	6.7	5.1	14.0
		1996	3,408	199	154	460	2,575	1996	10.5	5.8	6.8	4.9	15.0	1996	11.0	6.1	6.9	5.5	14.2
		1995	3,823	227	205	503	2,867	1995	11.9	6.8	9.1	5.5	16.7	1995	12.6	7.3	9.2	6.1	15.9
		1994	3,690	227	168	462	2,825	1994	11.6	7.0	7.5	5.2	16.4	1994	12.2	7.4	7.6	5.4	15.7
		1993	3,818	256	204	473	2,874	1993	12.1	8.2	9.2	5.5	16.6	1993	12.8	8.9	9.7	5.8	15.8
		1992	3,700	193	152	422	2,927	1992	11.9	6.4	6.9	5.0	16.9	1992	12.7	6.9	7.1	5.6	14.1
		1991	3,765	204	157	389	3,003	1991	12.3	7.1	7.3	4.8	17.4	1991	13.1	7.9	7.4	5.4	16.7
		1990	3,735	167	148	403	2,999	1990	12.5	6.1	7.0	5.2	17.5	1990	13.2	6.8	7.0	6.0	16.7
HOMICIDE	E960-E969	1998	2,265	143	563	970	573	1998	6.8	3.8	24.0	9.8	3.3	1998	6.7	3.8	22.5	9.2	3.3
		1997	2,780	172	717	1,180	691	1997	8.4	4.8	31.0	12.2	4.0	1997	8.3	4.7	28.8	11.6	4.0
		1996	3,007	175	805	1,295	723	1996	9.3	5.1	35.4	13.9	4.2	1996	9.1	5.0	32.5	12.9	4.2
		1995	3,623	223	954	1,613	809	1995	11.3	6.7	42.4	17.7	4.7	1995	11.0	6.5	39.1	16.2	4.6
		1994	3,821	195	1,144	1,602	858	1994	12.0	6.0	51.2	18.0	5.0	1994	11.5	5.8	46.6	16.1	4.8
		1993	4,206	228	1,280	1,656	1,025	1993	13.3	7.3	57.8	19.1	5.9	1993	12.7	6.9	52.6	16.9	5.8
		1992	4,092	208	1,137	1,702	1,036	1992	13.1	6.9	51.9	20.2	6.0	1992	12.4	6.7	47.0	17.4	5.9
		1991	4,071	216	1,171	1,585	1,081	1991	13.3	7.5	54.5	19.6	6.3	1991	12.3	6.9	49.0	16.2	5.9
		1990	3,703	151	1,083	1,479	978	1990	12.4	5.5	51.4	19.0	5.7	1990	11.3	5.2	45.4	15.9	5.4

Note: Asian/Pacific Islander, Black, and White exclude Hispanic ethnicity. Hispanic includes any race category. White includes Other Races, Not Stated, and Unknown. Total includes Asian/Pacific Islander, Black, Hispanic, White, and American Indian.

Source: State of California, Department of Health Services, Death Records

State of California, Department of Finance, 1990-1996 Population: 1970-1996 Race/Ethnic Population Estimates with Age and Sex Detail, January 1998; 1997 Population Estimates by Age, Sex, and Race/Ethnic Group, June 1999; 1998 Population Estimates by Age, Sex, and Race/Ethnic Group, May 2000.